

International Application No.: PCT/JP2005/014500
U.S. Patent Application No.: Unknown
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IN THE ABSTRACT:

Please replace the Abstract of the Disclosure originally filed with the above-identified patent application with the following new Abstract of the Disclosure:

ABSTRACT OF THE DISCLOSURE

A duplexer includes transmission-side and reception-side band filters respectively including a plurality of surface acoustic wave resonators connected together to define a ladder circuit. Each of the surface acoustic wave resonators includes a 47° to 58° rotated, Y-cut, X-propagating LiNbO_3 substrate and an IDT electrode provided on the LiNbO_3 substrate. The IDT electrode includes a Ti foundation electrode layer provided on the LiNbO_3 substrate formed through epitaxial growth and an Al electrode layer formed through epitaxial growth on the Ti foundation electrode layer, and a (111) face of the Al electrode layer, a (001) face or (100) face of the Ti foundation electrode layer, and a (001) face of the LiNbO_3 substrate are aligned in parallel.